## PRODUCT BULLETIN' GYPSUM PRODUCTS

### GYPSUM WALLBOARD 5/8" NULL-A-FIRE (UL) TYPE X

B-6
10/9/64
1 of 3
8-6
3/9/64

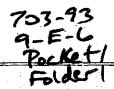
PRODUCING PLANTS	Long Beach, Antioch	, Seattle, Rosario, and	Jacksonville
Core Formula (Lbs/MSF)		ALL PLANTS (Except as Noted)	ANTIOCH
Board Stucco (Rosario	(S-1 and S-2) and Jacksonville	1800 - 2050 1850 - 2075)	1750 ~ 2050
Glass Fiber	(B-G-1)	6.0 - 6.5	6.0 - 6.5
Paper Fiber	(B-G-1)	0 - 12.0	None
Starch	(RM-B-11)	9.0 - 12.5	9.0 - 15.0
Perlite Null-A-Fire (cf/M)	(B-G-1)	0 - 7.0	0 - 7.0
Soap	(B-G-1) (Rosario -	0.3 - 1.5 0.6 - 2.0)	2.0 - 3.5
Lignin	(B-G-1)	0 - 4.0	0 - 4.0
Ground Gypsum	(B~G~1) (Rosario -	60.0 maximum None)	130.0 maximum
Rehydrated Gypsum	(B-G-1)	0 - 24	None
Potassium Sulfate	(B-G-1)	2.0 maximum	2.0 maximum
Retarder (Rosario only)	(B-G-1)	0.75 maximum	Aur Clin dan
Hydrated Lime	(RM-P-3)	0 - 1.13	0 - 1.13

Note 1. Formula shall conform to U.L. Code No. 3543. Note 2. At Antioch, Hercules soap is preferred. Ultrawet usage range - 0.2 - 0.6.

### Paper Liners

- 1. Manila and greyback paper.
- 2. For  $5/8" \times 24"$  face board for Moveable Partitions, use the following width paper:

Manila - 27 inches
Greyback - 23-1/4 inches



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#### GYPSUM WALLBOARD 5/8" NULL-A-FIRE (UL) TYPE X

BULLETIN NO: B-6

DATE: 10/9/64

PAGE: 2 of 3

CANCELS: B-6

CANCELS: DATE:

1/29/62

OPERATING SPECIFICATIONS: (Refer to Product Bulletin B-G-2 for General Specifications)

	ALL PLANTS
Slurry Slump	4-1/2 - 7
Slurry Setting Time, minutes	2 - 4-3/4
Wet Slurry Weight (lbs/c.f.)	70 - 80
Wet Compressive Strength, psi	250 - 400

Moisture content at the Take-off shall be maintained at 18 to 23% average (Antioch).

ANTIOCH - Note: Full width slurry spreader bar shall be mounted to vibrating section of the machine table and adjusted to completely spread and level slurry across full width of sheet.

PRODUCT SPECIFICATIONS: (Refer to Product Bulletin B-G-4 for General Specifications)

	ALL PLANTS
Wet Weight (lbs/MSF)	3400 - 3700
Dry Weight (lbs/MSF)	2300 <b>–</b> 2550 Average 2375
Evaporation Loss (lbs/MSF)	1100 - 1400
Thickness - Average (inch)	.605640
Thickness - Individual reading (inch)	<u>+</u> .010 from avg.

Profile - Moveable Partition board. Variations in surface of back plane shall not be greater than 0.005" within a 6" span measured across the width.

Edges – Moveable Partition board

Bevel Edge

Edge Hardness at Take-off (lbs.)

8.0 minimum

End Peel after Sawing (inch)

1/8 maximum

# PRODUCT BULLETING GYPSUM PRODUCTS

GYPSUM WALLBOARD ( 5/8" NULL-A-FIRE (UL) TYPE X

BULLETIN NO: B-6 DATE: 10/9/64 PAGE: 3 of 3

5/8" NULL-A-FIRE TYPE X

CANCELS: DATE: B-6 8/8/61

### PRODUCT SPECIFICATIONS (Cont'd.)

	ALL PLANTS	
Flexural Strength, minimum Across grain (lbs.) Parallel (lbs.)	180 62	
Deflection at Break, minimum Across grain (inch) Parallel (inch)	0.25 0.15	
Punch Test, Ibs.	1100 - 1500	1000 - 1350 (Antioch)
Modulus of Rupture	260 maximum	
Twist Test, maximum split Face (inch) Back (inch)	3.4 3/4	
Hammer Loss Test, decigrams Individual Test, maximum	5.0	
Band at High Humidity, maximum pee Face (inch) Back (inch)	1/2 1/2	

Face printing shall read - 5/8" NULL-A-FIRE TYPE X